

UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE United States Patent and Trademark Office Address: COMMISSIONER FOR PATENTS P.O. Box 1430 Alexandra, Vignis 22313-1450 www.uspto.gov

BIBDATASHEET

Bib Data Sheet

CONFIRMATION NO. 5092

SERIAL NUMBER 10/643,692		FILING OR 371(c) DATE 08/18/2003 RULE	CLASS 333		GROUP ART UNIT 2817		ATTORNEY DOCKET NO. M1071.1850/P1850		
APPLICANTS Seiji Hida Shin Abe	ka, Na , Muko	gaokakyo-shi, JAPAN; -shi, JAPAN;		ÿ					
** CONTINUINO This appli		\ ************************************	• /13181 ⁻	12/17/2002					
** FOREIGN APPLICATIONS ************************************									
IF REQUIRED, FOREIGN FILING LICENSE GRANTED ** 09/17/2003									
Foreign Priority claimed yes no 35 USC 119 (a-d) conditions yes no Met after CO					SHEETS TOTAL CLAIMS 20 16			INDEPENDENT CLAIMS 1	
ADDRESS Richard LaCava DICKSTEIN SHA 41st Floor 1177 Avenue of New York ,NY 1	APIRO the Am		LLP						
TITLE RESONATOR, F	ILTER	, DUPLEXER, AND CO	MMUN	ICATION APP	4RAT	JS			
RECEIVED	FEES: Authority has been given in No to charge/credit DE No. for following:			aper POSIT ACCOUNT		All Fees 1.16 Fees (Filing) 1.17 Fees (Processing Ext. of time)			
1050	INO.	for following:				1.18 Fees (Issue) Other Credit			